

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Nobuaki HASHIMOTO

Application No.: U.S. National Stage of PCT/JP00/05395

Filed: April 16, 2001

Docket No.: 109279

For: INTERCONNECT SUBSTRATE AND METHOD OF MANUFACTURE THEREOF,
ELECTRONIC COMPONENT AND METHOD OF MANUFACTURING THEREOF,
CIRCUIT BOARD AND ELECTRONIC INSTRUMENT

INFORMATION DISCLOSURE STATEMENT

Director of the U.S. Patent and Trademark Office
Washington, D.C. 20231

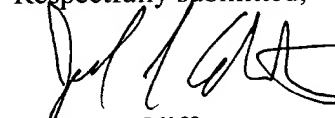
Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- ☒ 2. The references JP B2 6-58941, JP A 62-117391, JP A 11-112150, JP A 11-135715 and JP A 4-196350 were cited in a counterpart foreign application. An English language version of the foreign search report is attached for the Examiner's information.
- ☒ 3. English-language Abstracts of the non-English language references JP A 11-112150, JP A 11-135715, JPA 4-196350, JP A 9-232377 and JP A 11-112144 are attached hereto.

- ☒ 4. EP A2 0 540 274 corresponds to JP B2 6-58941.

Respectfully submitted,



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INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANT
Nobuaki HASHIMOTOFILING DATE
April 16, 2001

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
		EP A2 0 540 247	05/05/1993	Europe		
		JP B2 6-58941	08/03/1994	Japan		
		JP A 62-117391	05/28/1987	Japan		
		JP A 11-112150 (w/abstract)	04/23/1999	Japan		
		JP A 11-135715 (w/abstract)	05/21/1999	Japan		
		JP A 4-196350 (w/abstract)	07/16/1992	Japan		
		JP A 9-232377 (w/abstract)	09/05/1997	Japan		
		JP A 11-112144 (w/abstract)	04/23/1999	Japan		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER

DATE CONSIDERED

Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.